

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 3

Application No.	10/569,766
Filing Date	June 30, 2006
First Named Inventor	Crothers et al.
Art Unit	1634
Examiner	Martinell, James
Attorney Docket No.	GENOM.032NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,683,195	07-28-1987	Mullis, et al.	
	2	4,683,202	07-28-1987	Mullis	
	3	4,800,159	01-24-1989	Mullis, et al.	
	4	4,840,893	06-20-1989	Hill, et al.	
	5	4,987,071	01-22-1991	Cech, et al.	
	6	5,093,246	03-03-1992	Cech, et al.	
	7	5,143,854	09-01-1992	Pirung, et al.	
	8	5,246,921	09-21-1993	Reddy, et al.	
	9	5,312,527	05-17-1994	Mikkelsen, et al.	
	10	5,354,855	10-11-1994	Cech et al.	
	11	5,384,261	01-24-1995	Winkler, et al.	
	12	5,412,087	05-02-1995	McGall, et al.	
	13	5,427,930	06-27-1995	Birkenmeyer, et al.	
	14	5,604,097	02-18-1997	Brenner	
	15	5,654,413	08-05-1997	Brenner	
	16	5,776,672	07-07-1998	Hashimoto, et al.	
	17	5,846,719	12-08-1998	Brenner, et al.	
	18	5,863,722	01-26-1999	Brenner	
	19	5,871,918	02-16-1999	Thorp, et al.	
	20	5,871,981	02-16-1999	Chartrain, et al.	
	21	5,972,692	10-26-1999	Hashimoto, et al.	
	22	6,096,880	08-01-2000	Kool	
	23	6,140,489	10-31-2000	Brenner	
	24	6,150,516	11-21-2000	Brenner, et al.	
	25	6,172,214	01-09-2001	Brenner	
	26	6,172,218	01-09-2001	Brenner	
	27	6,200,761	03-13-2001	Meade, et al.	
	28	6,221,586	04-24-2001	Barton, et al.	
	29	6,235,475	05-22-2001	Brenner, et al.	

Examiner Signature

Date Considered

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SHEET 2 OF 3

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	30	6,261,782	07-17-2001	Lizardi, et al.	
	31	6,331,441	12-18-2001	Balch, et al.	
	32	6,352,828	03-05-2002	Brenner	
	33	6,368,802	04-09-2002	Kool	
	34	6,458,530	10-01-2002	Morris, et al.	
	35	6,815,167	11-09-2004	Crothers, et al.	
	36	6,955,914	10-18-2005	Yang	
	37	7,258,978	08-21-2007	Crothers, et al.	
	38	60/424,656	11-06-2002	Crothers, et al.	
	39	60/404,195	08-16-2002	Kawashima, et al.	
	40	2003-0194709 A1	10-16-2003	Yang	
	41	2004-0086892 A1	05-06-2004	Crothers, et al.	
	42	2004-0086895 A1	05-06-2004	Crothers, et al.	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	43	EP 0799897	10-08-1997	Affymetrix Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	44	ABRAVAYA et al., "Detection of Point Mutations with a Modified Ligase Chain Reaction (Gap-LCR)," <i>Nucleic Acids Research</i> , 1995, 23: 675-682.	
	45	ALPER, "Drug Discovery on the Assembly Line," <i>Science</i> , 1994, 264: 1399-1401.	
	46	BAINS, "Characterizing and Sequencing cDNAs using Oligonucleotide Hybridization," <i>J DNA</i> , 1993, <i>Seq Map</i> , 4: 143-150.	
	47	BRENNER and Lerner, "Encoded Combinatorial Chemistry," <i>Proc Natl Acad Sci</i> , 1992, 89: 5381-5383.	
	48	CHIN et al., "Dimethyl Phosphate Hydrolysis at Neutral pH," <i>J Am Chem Soc</i> , 1992, 114: 9792-9795.	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	49	DRMANAC et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> , 1993, 260: 1649-1652.	
	50	FORSTER et al., "Structural and Ionic Requirements for Self-Cleavage of Virusoid RNAs and trans Self-cleavage of Viroid RNA," <i>Cold Spring Harbor Symp Quant Biol</i> , 1987, 52, 249-259.	
	51	HASELOFF et al., "Simple RNA Enzymes with New and Highly Specific Endoribonuclease Activities," <i>Nature</i> , 1988, 344: 585-591.	
	52	KAZAKOV et al., "A Trinucleotide Can Promote Metal Ion-dependent Specific Cleavage of RNA," <i>Proc Natl Acad Sci USA</i> , 1992, 89: 7939-7943.	
	53	KELLER et al., <i>DNA Probes, 2nd Edition</i> , Stockton Press, New York, 1993.	
	54	LONG et al., "Self-cleaving Catalytic RNA," <i>FASEB J</i> , 1993, 7: 25-30.	
	55	MILLIGAN et al., "Current Concepts in Antisense Drug Design," <i>J Med Chem</i> , 1993, 36: 1923-1937.	
	56	MULLIS et al., "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <i>Methods in Enzymology</i> , 1987, 155: 335-350.	
	57	NEEDELS et al., "Generation and Screening of an Oligonucleotide-encoded Synthetic Peptide Library," <i>Proc Nat Acad Sci</i> , 1993, 90: 10700-10704.	
	58	"PCR Primer: A Laboratory Manual" Dieffenbach and Dveksler, Eds. Cold Spring Harbor Laboratory Press, 1995.	
	59	ROBERTS et al., "Specificity and Stringency in DNA Triplex Formation," <i>Proc. Natl. Acad. Sci. USA</i> 88: 9397-9401.	
	60	SAMBROOK et al., <i>Molecular Cloning: A Laboratory Manual, 2nd Edition</i> , Cold Spring Harbor Laboratory, New York, 1989.	
	61	STEEL et al., "Electrochemical Quantitation of DNA Immobilized on Gold," <i>Anal. Chem.</i> , 1998, 70: 4670-4677.	
	62	SUYAMA et al., "Gene Expression Analysis by DNA Computing," <i>Curr Comp Mol Biol</i> . 2000, 7: 12-13.	
	63	SYMONS, "Small Catalytic RNAs," <i>Ann Rev Biochem</i> , 1992, 61:641-671.	
	64	UHLENBECK, "A Small Catalytic Oligoribonucleotide," <i>Nature</i> , 1987, 328:596-600.	

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